alici, <u>N</u> egotia					(43
		OR PATENT APPLICATIOn on all and PCT Internation				ATTORNEY'S DOCKET NUMBER
		· · · · · · · · · · · · · · · · · · ·				002070-003
My residence I believe I am	, post office addi	hereby declare that: ress and citizenship are a st and sole inventor (if o subject matter which is	nly one n	ame is listed below) or a	n original sought or	l, first and joint inventor (if plural the invention entitled:
PRODUCTION	ON OF AVIAN	EMBRYONIC GERM (I	EG) CEL	L LINES BY PROLONO	GED CUL	TURING OF
PGCs, USE	THEREOF FOR	CLONING AND CHIM	IERIZAT	ION		
the sp	pecification of w	hich (check only one ite	m below)	IPE		
	is attached here	eto.		\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \		
X	was filed as Un	ited States application	(oc	7 2 3 1928		
	Number <u>09/1</u>	27,738	K.		,	
	on August 3,	1998		RADEM		
	and was amend	ed				
	on		((if applicable).		
	was filed as PC	T international application	on			
	Number				<u>. </u>	
	on					200
	and was amend	ed under PCT Article 19)			
	on		((if applicable).		
I hereby star amended by	te that I have rev any amendment	riewed and understand the referred to above.	e content	s of the above-identified	specificat	tion, including the claims, as
I acknowled Code of Fed	ge the duty to di leral Regulations	sclose to the Office all in s, §1.56.	nformatio	n known to me to be ma	terial to p	atentability as defined in Title 37,
inventor's c America list internationa	ertificate or of an ted below and hat I application(s) d	ny PCT international apport and apport also identified below	olication(s any forei ountry otl	s) designating at least one gn application(s) for pate her than the United State	e country ent or inve s of Amer	foreign application(s) for patent or other than the United States of entor's certificate or any PCT rica filed by me on the same
PRIOR FORE	IGN/PCT APPL	ICATION(S) AND AN	Y PRIOR	ITY CLAIMS UNDER	35 U.S.C	C. §119:
	NTRY icate "PCT")	APPLICATION NUM	BER	DATE OF FILING (day, month, year	i r)	PRIORITY CLAIMED UNDER 35 U.S.C. §119
						Yes No
						YesNo
						Yes No
						Yes No
			_			Yes No
I hereby clain	n the benefit und	er Title 35, United State	s Code §	119(e) of any United Sta	ates provis	sional application(s) listed below.

April 8, 1997 (Filing Date)

(Filing Date)

Page 1 of 3

60/054,677

(Application Number)

(Application Number)

(09/98)



ATTORNEY'S DOCKET NO.

002076-005

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to the patentability as defined in Title 37, Code of Federal Regulations §1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR P	CT INTERNATIONAL	APPLICATIONS	DESIGNATING THE U.S. FOR BEI	NEFIT UNDER :	35 U.S.C. 120	D:	
	U.S. APPLICATIONS				STATUS (check one)		
U.S. APPLICATION NU	U.S. APPLICATION NUMBER		U.S. FILING DATE	PATENTED	PENDING	ABANDONED	
	i						
PCT	APPLICATIONS DES	IGNATING THE	U.S.				
PCT APPLICATION NO.	PCT FILING	DATE	U.S. APPLICATION NUMBERS ASSIGNED (if any)				
·							

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis	17,337	George A. Hovanec, Jr.	28,223	Peter K. Skiff	31,917
Peter H. Smolka	15,913	James A. LaBarre	28,632	Richard J. McGrath	29,195
Robert S. Swecker	19,885	E. Joseph Gess	28,510	Matthew L. Schneider	32,814
Platon N. Mandros	22,124	R. Danny Huntington	27,903	Michael G. Savage	32,596
Benton S. Duffett, Jr.	22,030	Eric H. Weisblatt	30,505	Gerald F. Swiss	30,113
Norman H. Stepno	22,716	James W. Peterson	26,057	Michael J. Ure	33,089
Ronald L. Grudziecki	24,970	Teresa Stanek Rea	30,427	Charles F. Wieland III	33,096
Frederick G. Michaud, Jr.	26,003	Robert E. Krebs	25,885	Bruce T. Wieder	33,815
Alan E. Kopecki	25,813	William C. Rowland	30,888	Todd R. Walters	34,040
Regis E. Slutter	26,999	T. Gene Dillahunty	25,423		
Samuel C. Miller, III	27,360	Patrick C. Keane	32,858		
Ralph L. Freeland, Jr.	16,110	Bruce J. Boggs, Jr.	32,344		
Robert G. Mukai	28,531	William H. Benz	25,952		

and: Robin L. Teskin, Registration No. 35,030

Address all correspondence to:

Robin L. Teskin

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404

Alexandria, Virginia 22313-1404

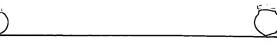
Address all telephone calls to: Robin L. Teskin

at (703) 836-6620.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

COMBINED DECLARATION FOR PATEN PLICATION AND POW		ATTORNEY'S DOCKET NO.
(Includes Reference to Provisional and PCT International Application	/	002076-005
FULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE	DATE CALLAC
F. Abel PONCE de LEÓN RESIDENCE 27 S. Long Lake Trail St. Paul		V/55/ 7///78 Lertzenship
27 3. Long Lake Itali, 3t. Tadi		USA
POST OFFICE ADDRESS 27 S. Long Lake Trail, St	t. Paul, MN 55127)
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE M	DATE
James M. ROBL	James // Koky	CITIZENSHIP
RESIDENCE	()	USA
196 Old Enfield Road, Belchertown, MA 01007 POST OFFICE ADDRESS		USA
196 Old Enfield Road, Belchertown, MA 01007		
FULL NAME OF THIRD JOINT INVENTOR, IF ANY	SIGNATURE	DATE
Steven L. STICE		T community to the
RESIDENCE		CITIZENSHIP
486 Amherst Road, Belchertown, MA 01007 POST OFFICE ADDRESS	-	USA
486 Amherst Road, Belchertown, MA 01007		
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	SIGNATURE,	DATE
D. Joseph JERRY	1 Charaph /2	9/30/98
RESIDENCE	F O V	CITIZENSHIP
W. Pelham Road, Shutesbury, MA 01072 POST OFFICE ADDRESS		USA
W. Pelham Road, Shutesbury, MA 01072		
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
RESIDENCE		CITIZENSHIP
POST OFFICE ADDRESS		
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
RESIDENCE	<u> </u>	CITIZENSHIP
POST OFFICE ADDRESS		
FOST OFFICE ADDIASS		
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
RESIDENCE		CITIZENSHIP
POST OFFICE ADDRESS		
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANT	SIGNATURE	DATE
RESIDENCE		CITIZENSHIP
POST OFFICE ADDRESS		<u> </u>
FULL NAME OF NINTH JOINT INVENTOR, IF ANY	SIGNATURE	DATE
TODE WHILE OF THE PORT ATTENDANCE, A THIN		
RESIDENCE		CITIZENSHIP
		<u> </u>
POST OFFICE ADDRESS		

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (Includes Reference to Provisional and PCT International Applications) ATTORNEY'S DOCKET NUMBER 002076-005							
As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:							
PRODUCTION OF AVIAN EMBRYONIC GERM (EG) CELL LINES BY PROLONGED CULTURING OF							
PGCs, USE THEREOF FOR CLONING AND CHIMERIZATION							
the specification of which (check only one item below):							
is attached hereto.							
was filed as United States application Number 09/127,738							
Number 09/127,738							
on _ August 3, 1998							
and was amended							
on (if applicable).							
was filed as PCT international application							
•••	1						
Number	-						
onand was amended under PCT Article 19							
on (if applicable).							
(if applicable).	ļ						
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.							
I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 3 Code of Federal Regulations, §1.56.	7,						
I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(e) of any foreign application(s) for patent inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:	or						
PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119:	\neg						
COUNTRY DATE OF FILING PRIORITY CLAIMED (if PCT, indicate "PCT") APPLICATION NUMBER (day, month, year) UNDER 35 U.S.C. §119							
Yes No							
YesNo							
Yes No							
Yes No	\neg						
YesNo							
I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.							
60/054,677 April 8, 1997							
(Application Number) (Filing Date)							
(Application Number) (Filing Date)							



COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONTINUED) (Includes Reference to Provisional and PCT International Applications)

ATTORNEY'S DOCKET NO.

002076-005

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to the patentability as defined in Title 37, Code of Federal Regulations §1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS	DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS				STATUS (check one)		
U.S. APPLICATION NUMBER		U.S. FILING DATE		PENDING	ABANDONE	
PCT A	APPLICATIONS DESIGNATING T	HE U.S.				
PCT APPLICATION NO.	PCT FILING DATE	U.S. APPLICATION NUMBERS ASSIGNED (if any)				

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis	17,337	George A. Hovanec, Jr.	28,223	Peter K. Skiff	31,917
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Robert S. Swecker	19,885	E. Joseph Gess	28,510	Matthew L. Schneider	32,814
Platon N. Mandros	22,124	R. Danny Huntington	27,903	Michael G. Savage	32,596
Benton S. Duffett, Jr.	22,030	Eric H. Weisblatt	30,505	Gerald F. Swiss	30,113
Norman H. Stepno	22,716	James W. Peterson	26,057	Michael J. Ure	33,089
Ronald L. Grudziecki	24,970	Teresa Stanek Rea	30,427	Charles F. Wieland III	33,096
Frederick G. Michaud, Jr.	26,003	Robert E. Krebs	25,885	Bruce T. Wieder	33,815
Alan E. Kopecki	25,813	William C. Rowland	30,888	Todd R. Walters	34,040
Regis E. Slutter	26,999	T. Gene Dillahunty	25,423		
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Robert G. Mukai	28,531	William H. Benz	25,952		

and: Robin L. Teskin, Registration No. 35,030

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BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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(Includes Reference to Provisional and PCT International Applications)			002076-005	
FULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE		DATE	
F. Abel PONCE de LEÓN				
RESIDENCE		CITIZENSHIP	•	
2180 Folwell Avenue, St. Paul MN 55108 POST OFFICE ADDRESS		USA		
2180 Folwell Avenue, St. Paul MN 55108 FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE		DATE	
James M. ROBL			22	
RESIDENCE		CITIZENSHIP		
196 Old Enfield Road, Belchertown, MA 01007		USA		
POST OFFICE ADDRESS				
196 Old Enfield Road, Belchertown, MA 01007				
FULL NAME OF THIRD JOINT INVENTOR, IF ANY	SIGNATURE		DATE/0/7/98	
Steven L. STICE RESIDENCE	Jan	CITIZENCINE		
)	CITIZENSHIP		
486 Amherst Road, Belchertown, MA 01007 POST OFFICE ADDRESS		USA		
486 Amherst Road, Belchertown, MA 01007				
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE	
D. Joseph JERRY				
RESIDENCE		CITIZENSHIP	,	
W. Pelham Road, Shutesbury, MA 01072		USA		
POST OFFICE ADDRESS				
W. Pelham Road, Shutesbury, MA 01072 FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	CICNATURE		D.A.T.E.	
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE	
RESIDENCE		CITIZENSHIP	,	
POST OFFICE ADDRESS				
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE	
RESIDENCE		CITIZENSHIP	·	
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FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE	
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		CHEENORIF		
POST OFFICE ADDRESS				
FULL NAME OF NINTH JOINT INVENTOR, IF ANY	SIGNATURE	T	DATE	
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				